President - Texas Division Southwestern Bell Telephone Company

Dallas, Texas Issued: October 31, 1994

Effective: February 3, 1995

INTEGRATED SERVICES TARIFF

Section: 2 Sheet: 3.1
Revision: 1
Replacing: Original

SMARTTRUNK SERVICE

General (Cont'd) 1.

1.8 Moves

Customer moves of the SmartTrunk Interface do not constitute a disconnection of service, provided the service is not interrupted. Installation Charges in this section of the tariff and Service Connection Charges pursuant to Section 27 of the General Exchange Tariff will apply for all customer moves of the SmartTrunk Interface.

(Ċ)

1.9 Supersedures

Customers may transfer SmartTrunk Service to a new customer at the same premises upon written concurrence of SWBT. The new customer will incur Service Ordering Charges under Section 27 of the General Exchange Tariff. In addition, the new customer shall assume the previous customer's SmartTrunk Service indebtedness.

1.10 Suspension of Service-Initiated by the Customer (Vacation Service)

Vacation Service (Section 31 of the General Exchange Tariff) is not offered for SmartTrunk Service.

President - Texas Division

Southwestern Bell Telephone Company

Dallas, Texas Issued: October 31, 1994 Effective: February 3, 1995 INTEGRATED SERVICES TARIFF

Section: 2 Sheet: 4 Revision: 4 Replacing: 3

SMARTTRUNK SERVICE

- 1. General (Cont'd)
- 1.11 Options Available on the Expiration of the Initial or Renewal Service
 Term for the SmartTrunk Interface

Upon the expiration of the 12, 24, 36, 48 or 60 Initial or Renewal Service Term for the SmartTrunk Interface the customer may:

- 1.11.1 Continue service at the Month-to-Month service term rate. That rate will be subject to change.
- 1.11.2 Continue service by selecting a Renewal Service Term for SmartTrunk Interface at the then current rate and pursuant to Footnote No. 14 on Sheet 7, Section 2 of the Intregrated Services Tariff. The Renewal Service Term will begin the day following the expiration of the previous service term. The SmartTrunk Interface rate for the Renewal Service Term will not be subject to rate changes made during the duration of the Renewal Service Term. The customer will be required to sign a new contract (as shown in Section 24, Sheet 7 of the General Exchange Tariff) for the service term selected.
- 1.11.3 Disconnect service.
- 1.12 Distance Learning

Upon submission of an affidavit that complies with the requirements of Public Utility Commission of Texas Substantive Rule §23.93, 16 T.A.C. 23.93, an educational institution (as defined in Texas Education Code, Sections 11.32, 11.33 and 61.003) may obtain a 25% discount on the tariff rate for any tariffed service, except customer-specific contracts, that is used predominantly for distance learning purposes. Services qualifying under the provisions of Substantive Rule §23.93 will receive the 25% discount on each tariffed rate, with each such discounted rate being rounded to the nearest one cent.

- Rate Applications
- 2.1 Rate Stability for SmartTrunk Interface

The SmartTrunk Interface monthly rate will not be subject to rate changes for the duration of either the 12, 24, 36, 48 or 60 month Initial or Renewal Service Term selected by the customer.

- 2.2 Optional Deferred Payment of Service Connection Charges, Installation Charges and/or Special Construction Charge Available Only for Customers Selecting Either the 12, 24, 36, 48 or 60 Month Initial or Renewal Service Term.
- 2.2.1 Before service is established, the customer may request to spread all the service connection charges, installation charges (including the installation charges associated with optional features) and/or special construction charge over a payment term of either 12, 24, 36, 48 or 60 continuous months but not to exceed the 12, 24, 36, 48 or 60 month Initial Service Term. The customer cannot change the deferred payment term. The deferred payment monthly charge will equal the service connection charges, installation charges and/or special construction charge multiplied by the appropriate annuity factor shown below:

	Payment Term (in months)					
	12	24	36	48	60	
Annuity Factor	0.0887	0.0470	0.0331	0.0262	0.0221	(E)

Upon 30-days prior notification to SWBT, the customer may terminate the deferred payment term by paying the remaining principal in full. No credit will be made for interest already paid to accrued.

2.2.2 This optional deferred payment is not offered for customers selecting the Month-to-Month service term.

President - Texas Division INTEGRATED SERVICES TARIFF Section: 2

Southwestern Bell Telephone Company

Dallas, Texas Issued: July 12, 1994 Sheet: 5 Revision: 2 Replacing: 1 Effective: July 22, 1994

SMARTTRUNK SERVICE

2. Rate Applications (Cont'd)

Disconnection of Service Prior to the Expiration of the Initial or 2.3 Renewal Service Term

(T) (E)

If the customer disconnects a SmartTrunk Interface prior to the expiration of the 12, 24, 36, 48 or 60 month Initial or Renewal Service Term, the customer shall pay a charge equal to the SmartTrunk Interface monthly rate in effect on the date of the contract, times the number of months remaining on the 12, 24, 36, 48 or 60 month Initial or Renewal Service Term for each SmartTrunk Interface disconnected. 2.3.1

(È)

- If the customer disconnects a SmartTrunk Interface prior to the expiration of the 12, 24, 36, 48 or 60 month Initial Service Term and the installation charge and/or special construction charge were 2.3.2 deferred at the time service was established (pursuant to Paragraph 2.2.1 above), the customer shall pay a charge equal to the deferred payment monthly charge, times the number of months remaining on the deferred payment term for each SmartTrunk Interface disconnected.
- Cancellation and Changes in Service Request

Subsequent to signing the contract:

- If the customer cancels or changes an order for service after installation of the required equipment and facilities, but before service is established, the customer agrees to pay up front the applicable installation charges specified in 2.7, following and/or the applicable special construction charge if any. The customer may not avoid this provision by extending the service establishment due date. The customer may not defer payment of the installation charge and/or special construction charge.
- If the customer cancels an order for service before installation of the required equipment and facilities, the customer agrees to pay Service Connection Charges (under Section 27 of the General Exchange Tariff) which would have been applicable had the service been 2.4.2 installed.
- 2.5 FX, FSO and TIE Services Billing Procedures
- FX, FSO and TIE services will be billed in quantities as specified by 2.5.1 the customer.
- DID and DOD Services Billing Procedures
- If Dynamic Channel Allocation is not provided, DID and DOD services will be billed in quantities as specified by the customer.
- If Dynamic Channel Allocation is provided, DID and DOD services will be billed in quantities equal to the total number of channels 2.6.2 activated by the customer minus the sum of the channels used for FX, FSO and TIE services.

INTEGRATED SERVICES TARIFF

President - Texas Division Southwestern Bell Telephone Company Dallas, Texas Issued: July 1, 1994 Effective: September 6, 1994

Section: 2 Sheet: 6 Revision: 3 Replacing: 2

SMARTTRUMK SERVICE

2. Rate Applications (Cont'd)

2.7 Rate Schedule {1}

Service Components	Monthly R	ate_	<u>Insta</u> Firs	llation Char t Addition		[13] USOC
SmartTrunk Interface (SI)						
each {2}						
Initial Service Terms:		_			(-)	
12 Months	\$720.00	Ş	1,000.00	\$ 260.00		ZPAZD
24 Months	550.00		1,000.00	260.00		ZPAZD
36 Months	500.00		1,000.00	260.00		ZPAZD
48 Months	470.00		1,000.00	260.00	{3}	ZPAZD
60 Months Month-to-Month	440.00 470.00		1,000.00 4,615.00	260.00 3,875.00	{3} {3}	ZPAZD ZPAZD
Renewal Service Terms:						
12 Months	385.00		0.00	0.00		ZPAZD
24 Months	370.00		0.00	0.00		ZPAZD
36 Months	350.00		0.00	0.00		ZPAZD
48 Months	320.00		0.00	0.00		ZPAZD
60 Months	300.00		0.00	0.00		ZPAZD
Month-to-Month	470.00		0.00	0.00		ZPAZD
Integrated Services Network						
Component {4}	{5 }		0.00	0.00		
Universal Termination						
each SI {6}						
FX each	17.50		85.00	6.50		NTELX
FSO each TIE each	17.50 17.50		85.00 85.00	6.50 6.50	{ 7 }	NTE2X NTE3X
Optional Features {8}: Dynamic Channel						
Allocation (DCA)						
Each SI {9}	10.00		275.00	275.00		CCZ
Network Ring Again,						
Network Ring Again, Each SI	0.00		275.00	275.00		ACV
Network Ring Again, Each SI Backup D-Channel {10} Initial Group	0.00		2,000.00	2,000.00		ACV
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs						
Network Ring Again, Each SI Backup D-Channel {10} Initial Group	0.00		2,000.00	2,000.00		ACV
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number	0.00		2,000.00	2,000.00		ACV ZPBXD
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs	0.00		2,000.00	2,000.00		ACV ZPBXD
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number Delivery, Each SI Loop Protection {15}	0.00		2,000.00 5,000.00 0.00 80.00	2,000.00 0.00 50.00		ACV ZPBXD ZPBXA
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number Delivery, Each SI	0.00		2,000.00	2,000.00 0.00 50.00		ACV ZPBXD ZPBXA
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number Delivery, Each SI Loop Protection {15} Per SI each	0.00 0.00 0.00		2,000.00 5,000.00 0.00 80.00	2,000.00 0.00 50.00 80.00		ACV ZPBXD ZPBXA NXN
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number Delivery, Each SI Loop Protection {15} Per SI each Changes/Rearrangements:	0.00 0.00 0.00 85.00		2,000.00 5,000.00 0.00 80.00 355.00	2,000.00 0.00 50.00 80.00 355.00		ACV ZPBXD ZPBXA NXN L8P
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number Delivery, Each SI Loop Protection {15} Per SI each Changes/Rearrangements:	0.00 0.00 0.00		2,000.00 5,000.00 0.00 80.00	2,000.00 0.00 50.00 80.00		ACV ZPBXD ZPBXA NXN
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number Delivery, Each SI Loop Protection {15} Per SI each Change DCA, each SI {11} Rearrangement of	0.00 0.00 0.00 85.00		2,000.00 5,000.00 0.00 80.00 355.00	2,000.00 0.00 50.00 80.00 355.00		ACV ZPBXD ZPBXA NXN L8P
Network Ring Again, Each SI Backup D-Channel {10} Initial Group of 5 SIs Each Add'l Group of 5 SIs Calling Number Delivery, Each SI Loop Protection {15} Per SI each Changes/Rearrangements: Change DCA, each SI {11}	0.00 0.00 0.00 85.00		2,000.00 5,000.00 0.00 80.00 355.00	2,000.00 0.00 50.00 80.00 355.00		ACV ZPBXD ZPBXA NXN L8P

President - Texas Division Southwestern Bell Telephone Company

Dallas, Texas Issued: December 13, 1993 Effective: January 28, 1994

INTEGRATED SERVICES TARIFF

Section: Sheet: Revision: 2 Replacing: 1

SMARTTRUMK SERVICE

- Rate Application (Cont'd) 2.
- Rate Schedule (Cont'd) 2.7

Footnotes

(D)

(N)

- Service Connection Charges apply per Section 27 of the General {1} Exchange Tariff.
- Rates are in addition to those specified for DID, FX, FSO and TIE services in other tariffs of SWBT. {2}
- The additional installation charge applies only when an additional SI is ordered and installed with the first SI on the same service request, same SmartTrunk serving central office, same installation {3} date and for the same customer.
- Integrated Services Network Component is not applicable with FX or TIE **{4}** Services.
- Only the Integrated Services Network Components which are SmartTrunk Service Compatible can be associated with SmartTrunk Service. For rates see Section 1 of the Integrated Services Tariff. **{5**}
- **{6**} Universal Termination is not applicable for those FSO and FX service arrangements described in paragraph 1.7.6, Section 2 of the Integrated (T) Services Tariff.
- The additional installation charge applies only when an additional Universal Termination is installed with the first Universal Termination on the same service request, same SmartTrunk serving office, same installation date for the same customer. {7} (T)
- Offered only in central offices equipped with compatible switches capable of providing these features. **{8**}
- **{9**} Dynamic Channel Allocation is not available with FSO, FX, services. Dynamic Channel Allocation is not available when DID and DOD services are furnished from both extended and non-extended local service areas using the same SmartTrunk Interface. (C) (Ċ)
- {10} This rate applies per group of five SIs, or fraction thereof, supported by the Backup D-Channel.
- This rate applies only to changes subsequent to the installation of the Dynamic Channel Allocation. (T)
- For rates, see Section 27, Paragraph 2.1.3(I) of the General Exchange {12} Tariff.
- Payment of service connection charges and installation charges may be spread pursuant to paragraph 2.2 above or pursuant to "-- Installment billing for business customers ...", Sheet 10, Section 23 of the General Exchange Tariff. (N)
- {14} Renewal rates apply only after completion of the Initial Service Term and payment of nonrecurring charges associated with the Initial Service Term. The Renewal Service Terms available depend on the Initial Service Term selected as follows:

Initial Service Term	Renewal Service Terms Available
12 Months	Month-to-Month, 12 or 24 Months
24 Months	Month-to-Month, 12, 24, or 36 Months
36 Months	Month-to-Month, 12, 24, 36, or 48 Months
48 Months	Month-to-Month, 12, 24, 36, 48 or 60 Months
60 Months	Month-to-Month, 12, 24, 36, 48 or 60 Months
Month-to-Month	Month-to-Month

All of the Renewal Service Terms are available after 60 months of continuous service, regardless of the Initial or Renewal Service Terms selected during the 60-month period. President - Texas Division Southwestern Bell Telephone Company Dallas, Texas Issued: July 1, 1994 Effective: September 6, 1994

INTEGRATED SERVICES TARIFF

Section: 2

Sheet: 8
Revision: Original

Replacing:

SMARTTRUNK SERVICE

- 2. Rate Application (Cont'd)
- 2.7 Rate Schedule (Cont'd)

Footnotes (Cont'd)

{15} Loop Protection will be provided where fiber optic facilities are (N) available. Where fiber optic facilities are not available, but could technically be provided, special construction charges may apply. (N)

			1)	Page	
20.	MegaL	ink Cust	Description Deferred To	20-4	
	20.1	General	Description Deferred To	20-5	
			l Feature, BSE and Function Descriptions	20-10	
		20.2.1	Central Office Multiplexing BSE	20-10	
		20.2.2	SecureNet	20-10	
			(A) Hub Redundancy (B) Serving Wire Center and Facility	20-12	
			Redundancy	20-13	
			(C) Loop Redundancy	20-13	
		20.2.3	Service Extension STN Interconnection with SecureNet	20-14	
		20.2.4	Equipped MegaLink Custom Service	20-14	
	20.3	Service	Provisioning	20-15	
		20.3.1	Design Layout Report	20-15	
			Acceptance Testing	20-15	
		20.3.3		20-15	(S)
	20.4	Rate Rec	gulations	20-16	
		20.4.1	Rate Categories	20-16	
			(A) Channel Termination	20-17	
			(B) Interoffice Mileage	20-18	
			(C) Service to Service Through Connect		
			Arrangements	20-19	
			(D) Optional Features, BSEs and Functions	20-19	
		20.4.2	Nonrecurring Charges	20-20	
			(A) Nonrecurring Charges for the Installation of MegaLink Custom Service	20-20	
			(B) Nonrecurring Charges for the Installation of Service Extensions	20-21	
			(C) Nonrecurring Charges for the Installation	20-21	
			of Optional Features, BSEs and Functions	20-22	
			(D) Nonrecurring Charges for the Installation of Service to Service Through Connect		
			Arrangements	20-22	
			(E) Nonrecurring Charges for Service		
			Rearrangements	20-23	
			(F) Nonrecurring Charges for Moves	20-24	

Reissued material is filed under authority of Special Permission No. 94-625 of the F.C.C. and is deferred until August 2, 1994.

(This page filed under Transmittal No. 2359)

				Page	
20.	Megal	Link Cust	om Services (Cont'd)		
	20.4	Rate Re			
		20.4.3	Monthly Recurring Rates	20-25	
			(A) Monthly Recurring Rates for Channel		
			Termination (B) Monthly Recurring Rates for Interoffice	20-25	
			Mileage (C) Monthly Recurring Rates for Optional	20-27	
			Features, BSEs and Functions	20-29	
		20.4.4		20-30	
		20.4.5	Minimum Service Periods Termination Charges	20-31	
		20.4.6	Determining Interoffice Mileage	20-32	
		20.4.7	Ordering Options and Conditions	20-34 20-35	
		20.4.0	Special Access Surcharge	20-35	
		20.4.10	Message Station Equipment Recovery Charge	20-35	
		20.4.11	Shared Use	20-35	
		20.4.12		20-37	
			(A) Moving the Point of Termination Within		
			the Same Customer Premises	20-37	
			(B) Moving Customer Premises	20-38	
			Modification of Service	20-39	
			Relocation of a DS3 to DS1 Multiplexer	20-40	
			Service Extension	20-41	
			Facility Hubs	20-41	
		20.4.17	Connecting Facility Assignment Credits	20-41.1	(N)
	20.5	Rates ar	nd Charges	20-42	
		20.5.1	MegaLink Custom Service	20-42	
			(A) Channel Termination	20-42	
			(B) Interoffice Mileage	20-43	
			(C) Installation Charge	20-44	
			(D) Connecting Facility Assignment Credits	20-44	(N)

(This page filed under Transmittal No. 2370)

				<u>Page</u>		
20.	MegaL	MegaLink Custom Services (Cont'd)				
	20.5	Rates a	nd Charges (Cont'd)			
			Service to Service Through Connect Arrangement Optional Features, BSEs and Functions	20-44 20-44		
			 (A) DS3 to DS1 Multiplexing (B) SecureNet (C) Service Extension (D) STN Interconnecton with SecureNet Equipped MegaLink Custom Service 	20-44 20-45 20-46 20-46	(N) (N)	
			Rollover Administrative Charges	20-47 20-47		
	20.6	Vintage	Services	20-48		
		20.6.1	Services Established Prior to May 25, 1991	20-49		
			(A) General Regulations(B) Regulations, Terms, Conditions and Rates	20- 49 20-50		

(This page filed under Transmittal No. 2255)

20. MegaLink Custom Services

(M)

The following list matches the Telephone Company's Basic Service Element (BSE) names to the industry standard names for each BSE.

Telephone Company Names

Generic Name of ONA Service

Multiplexing

Multiplexing - Digital

Central Office Multiplexing

(M)

Material appearing on this page formerly appeared on Original Page 239.1 of Tariff F.C.C. No. 68.

Issued: March 3, 1992

(N)

(N)

(T)

(N)

(N)

ACCESS SERVICE

20. MegaLink Custom Services

20.1 General Description

MegaLink Custom Service is a special access service utilizing DS3 technology to provide dedicated high capacity transport between customer designated premises*, either directly or through a Telephone Company Hub where bridging, multiplexing, Transport Resource Management Service, or Network Reconfiguration Service functions are performed. (Transport Resource Management Service and Network Reconfiguration Service, as set forth in Section 18, work in conjunction with MegaLink Custom Service, allowing customers the ability to reconfigure their circuits.) The DS3 signal provides for the transmission of nominal 44.736 Mbps isochronous serial data. MegaLink Custom Services are provided (1) between two customer designated premises, (2) between a customer designated premises and a Telephone Company Hub Central Office, (3) between a Telephone Company Hub Central Office and a Transport Resource Management Service Hub, (4) between Transport Resource Management Service Hubs at 44.736 Mbps transmission, (5) between Network Reconfiguration Service Hubs at 44.736 Mbps transmission, (6) between a Network Reconfiguration Service Hub and a Transport Resource Management Service Hub at 44.736 Mbps transmission, or (7) between a Network Reconfiguration Service Hub and a Telephone Company Hub at 44.736 Mbps transmission, for interconnection with High Capacity Services or other MegaLink Custom Services. MegaLink Custom Services may include Optional Features, BSEs and Functions.

MegaLink Custom Service offers the customer the option of requesting either an electrical or optical interface at their premises. The interface at a Telephone Company Hub Central Office is electrical.

Customers requesting electrical interface will receive an electrical signal with a transmission speed of 44.736 Mbps per channel. Compatible channel interfaces are set forth in Technical Reference Publication TR-INS-000342.

* Telephone Company Centrex CO-like switches and Telephone Company Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this tariff.

Certain material previously appearing on this page now appears on 1st Revised Page 20-6.

(This page filed under Transmittal No. 2268)

Issued: March 15, 1993 Effective: May 1, 1993

20. MegaLink Custom Services (Cont'd)

20.1 General Description (Cont'd)

Customers requesting an optical interface will receive (an) optical signal(s) at the transmission speed(s) associated with the equivalent number of DS3s requested on the Access Order. The transmission speeds for optical interfaces are stated as approximate multiples of 44.736 Mbps.

Technical specifications for MegaLink Custom Services may be found in the following Technical Reference Publications:

> Technical Reference PUB 76625 Technical Reference TR-INS-000342

It is the customer's responsibility to arrange for the Network Channel Terminating Equipment associated with the high capacity channel at the customer's premises.

The four basic rate categories which apply to MegaLink Custom Service are Channel Termination, Interoffice Mileage, Service to Service Through Connect Arrangements and Optional Features and Functions. Channel Termination provides for the communications path between a customer designated premises and the serving wire center for that premises or for the communications path within a building which connects a customer's facilities with a customer designated premises without routing through the serving wire center. Interoffice Mileage provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center and a Telephone Company Hub Central Office or, in the case of a Service Extension, between two Telephone Company Hub Central Offices. The Service to Service Through Connect Arrangement rate category provides for an interconnection of two MegaLink Custom Services or a MegaLink Custom Service and a DTL associated with STN Service in the same Telephone Company Hub Central Office. The Optional Features, BSEs and Functions rate category provides for optional features and functions which may be added to a MegaLink Custom Service to improve its quality or utility to meet specific communications requirements.

Loop Redundancy⁽¹⁾, which provides automatic restoration of the Megalink Custom Service Channel Termination and physical route redundancy between the customer's premises and the customer's serving wire center in the event of a single loop failure, will be provided on Megalink Custom Channel Terminations in those situations where the customer's premises and serving wire center are equipped with the necessary equipment and facilities. If the equipment and facilities are not available, the interval for loop redundancy will be within 2 years from the date of customer request or the agreed upon date if Special Construction applies.

(1) As of the effective date of the tariff, by the end of 1997, all but 100 of (C) the current MegaLink Custom lines in SWBT territory will be served from wire centers providing Loop Redundancy (with basic DS3 service). (C)

Reissued material is scheduled to become effective June 1, 1995.

Revised material is filed under the authority of Special Permission No. 95-661 of the F.C.C. to become effective June 1, 1995.

(This page filed under Transmittal No. 2466)

Issued: June 1, 1995 Effective:

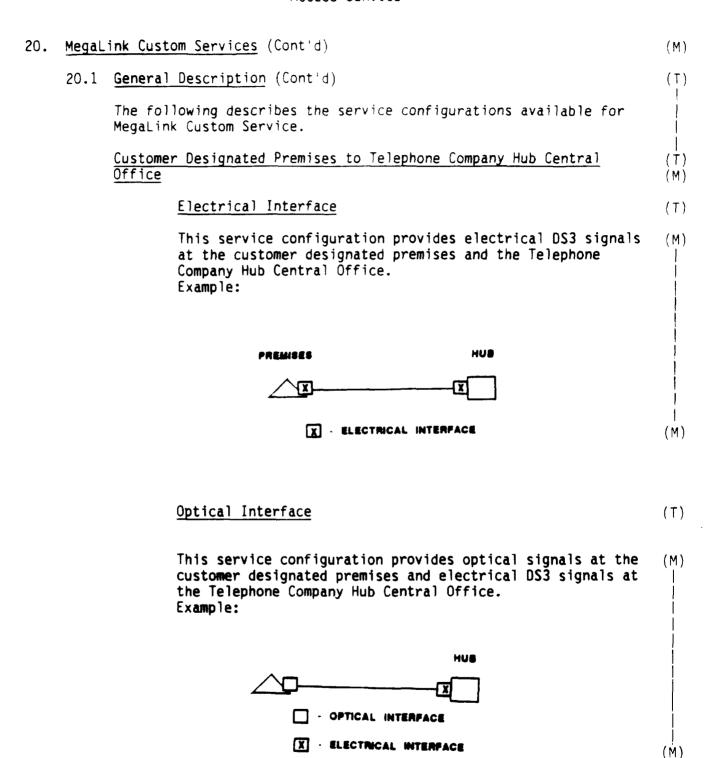
Effective: June 1, 1995

(\$)(C)

(C) (C)

(T)

(Š)



Material and revised material appearing on this page formerly appeared on 14th Revised Page 245 of Tariff F.C.C. No. 68.

Issued: March 3, 1992 Effective: July 1, 1992

20. MegaLink Custom Services (Cont'd) (M)20.1 General Description (Cont'd) (T)Customer Designated Premises to Customer Designated Premises (T)Electrical Interface to Electrical Interface (T)This service configuration provides electrical DS3 (M)signals at both customer designated premises. Example: SWC A SWC B PREMISES A PREMISES 8 Y . ELECTRICAL INTERFACE CT - CHANNEL TERMINATION IM - INTEROFFICE MILEAGE (M) Optical Interface to Electrical Interface (T)This service configuration provides optical signals (M) at one customer designated premises and electrical DS3 signals at the other customer designated premises. Example: PREMISES A PREMISES 0 · OPTICAL INTERFACE . ELECTRICAL INTERFACE - CHANNEL TERMINATION . INTEROFFICE MILEAGE (M)

Material and revised material appearing on this page formerly appeared on 9th Revised Page 246 of Tariff F.C.C. No. 68.

Issued: March 3, 1992

(M)20. MegaLink Custom Services (Cont'd) (T)20.1 General Description (Cont'd) Service to Service Through Connect Arrangement (T)(M)The Service to Service Through Connect Arrangement provides for an interconnection of two MegaLink Custom Services or a MegaLink Custom Service and a Digital Transmission Link (DTL) associated with a Self-healing Transport Network (STN) in the same Telephone Company Hub Central Office. (M)(M)Example: SERVICE #2 SERVICE #1 SWC A HUB SWC B PREMISES A . ELECTRICAL INTERPACE - CHANNEL TERMINATION SERVICE TO SERVICE THROUGH CONNECT

INTEROFFICE MILEAGE

Material and revised material appearing on this page formerly appeared on 17th Revised Page 242.1 of Tariff F.C.C. No. 68.

Issued: March 3, 1992

Effective: July 1, 1992

(M)

20. MegaLink Custom Services (Cont'd)

20.2 Optional Feature, BSE and Function Descriptions

20.2.1 Central Office Multiplexing BSE

DS3 to DS1 multiplexing provides an arrangement in a Telephone Company Hub Central Office that converts a DS3 signal to 28 DS1 channels using digital time division multiplexing.

When ordering multiplexing, the customer will select the designated hub(s) and subtending wire center(s) from the National Exchange Carriers Association, Inc. Tariff F.C.C. No. 4 Subtending Wire Center section(s) and Wire Center section(s). A description of the types of multiplexing hubs are as set forth in 7.1.3(B)(3) (Intermediate Multiplexing Hub), 7.1.3(B)(4) (Super Intermediate Multiplexing Hub) and 7.1.3(B)(5) (Terminus Multiplexing Hub) preceding.

(N)

(N)

20.2.2 SecureNet

SecureNet options provide MegaLink Custom Service with automatic restoration capabilities which prevent service interruption in the event of a single facility break or a single electronics failure. SecureNet options are available only where fiber optic facilities are used to provide the underlying MegaLink Custom Service.

The automatic restoration capabilities are provided through the use of intelligent components which are capable of sensing a transmission failure and by separately routing the primary transmission path and secondary transmission path in geographically separate fiber optic cables. In the event of a transmission failure, the intelligent components will automatically switch the MegaLink Custom Service to either the primary or secondary path within 2.0 seconds.

The primary and secondary transmission paths for MegaLink Custom Service will be routed in geographically separate fiber optic cables up to the nearest point to the customer's premises that route redundancy can be achieved.

(This page filed under Transmittal No. 2235)

Issued: October 16, 1992

Effective: December 1, 1992

- 20. MegaLink Custom Services (Cont'd)
 - 20.2 Optional Feature, BSE and Function Descriptions (Cont'd)
 - 20.2.2 SecureNet (Cont'd)

In the event a facility break occurs in that portion of the service for which route redundancy could not be achieved, the Telephone Company cannot guarantee automatic restoration of the customer's service within 2.0 seconds and a credit as set forth for SecureNet in Section 2.5.5(B) (When A Credit Allowance Applies) will not apply.

SecureNet options are only available with MegaLink Custom Service, with electrical interfaces at the customer's premises. SecureNet options are available at those serving wire centers where equipment and facilities are available. Hub Redundancy and Serving Wire Center and Facility Redundancy will be provided in those serving wire centers found in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. Technical specifications may be referenced in Technical Reference PUB 76625 and in Technical Reference TR-INS-000342.

(S)

(S)

Reissued material is filed under the authority of Special Permission No. 95-180 of the F.C.C. and is deferred until March 6, 1995.

(This page filed under Transmittal No. 2427)

Issued: February 13, 1995

Effective: February 14, 1995

- 20. MegaLink Custom Services (Cont'd)
 - 20.2 Optional Feature, BSE and Function Descriptions (Cont'd)
 - 20.2.2 SecureNet (Cont'd)

SecureNet is provided with three options allowing for various levels of self-healing capabilities.

(A) Hub Redundancy

This option provides automatic restoration and physical route redundancy from the customer's premises to the customer's DS3/DS1 multiplexing hub in the event of a single loop, wire center, interoffice facility or hub failure.

Hub Redundancy is only available for MegaLink Custom Service, with electrical interfaces at the customer's premises, provided from a customer's premises to a DS3/DS1 multiplexing hub office. The MegaLink Custom Service must be equipped with a DS3 to DS1 Central Office Multiplexing arrangement. The Hub Redundancy option includes the multiplexing capabilities provisioned on the secondary transmission path at the redundant DS3/DS1 multiplexing hub office. The serving wire center and multiplexing hub may be collocated. This option includes interoffice mileage for the redundant facility.

Hub Redundancy is available where more than one exchange telephone company is involved (i.e., jointly provided service) when those telephone companies have agreed upon facilities and terms and conditions of the jointly provided service.

(C)

(C)

(C)

(This page filed under Transmittal No. 2259)

Issued: February 12, 1993 Effective: March 29, 1993

20. MegaLink Custom Services (Cont'd)

20.2 Optional Feature, BSE and Function Descriptions (Cont'd)

20.2.2 <u>SecureNet</u> (Cont'd)

(B) Serving Wire Center and Facility Redundancy

This option provides automatic restoration and physical route redundancy from the customer's premises to the customer's Telephone Company Hub Central Office or from the customer's premises to another premises in the event of a single loop, wire center or interoffice facility failure. The customer's serving wire center and Telephone Company Hub Central Office are separate locations. This option includes interoffice mileage for the redundant facility.

Serving Wire Center and Facility Redundancy is available where more than one exchange telephone company is involved (i.e., jointly provided service) when those telephone companies have agreed upon facilities and terms and conditions of the jointly provided service.

(S)

Reissued material is filed under the authority of Special Permission No. 95-180 of the F.C.C. and is deferred until March 6, 1995.

(This page filed under Transmittal No. 2427)

20. MegaLink Custom Services (Cont'd)

(M)

20.2 Optional Feature, BSE and Function Descriptions (Cont'd)

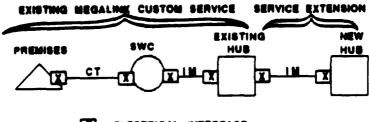
(T)

20.2.3 Service Extension

(T) (M)

An existing MegaLink Custom Service can be extended from the current Telephone Company Hub Central Office to another Telephone Company Hub Central Office via a Service Extension.

Example:



I - ELECTRICAL INTERFACE

CT - CHANNEL TERMINATION

IM - INTEROFFICE MILEAGE

(M)

Material and certain revised material appearing on this page formerly appeared on 12th Revised Page 246.3 of Tariff F.C.C. No. 68.

Issued: March 3, 1992

(N)

1

(N)

ACCESS SERVICE

- 20. MegaLink Custom Services (Cont'd)
 - 20.2 Optional Feature, BSE and Function Descriptions (Cont'd)
 - 20.2.4 STN Interconnection with SecureNet Equipped MegaLink Custom Service

This option is provided for interconnection of an STN with MegaLink Custom Service equipped with the SecureNet Serving Wire Center and Facility Redundancy feature as set forth in 20.2.2(B) (Serving Wire Center and Facility Redundancy).

(This page filed under Transmittal No.2255)

Issued: January 29, 1993 Effective: March 15, 1993

TARIFF F.C.C. NO. 73
4th Revised Page 20-15
Cancels 3rd Revised Page 20-15

ACCESS SERVICE

20. MegaLink Custom Services (Cont'd)

20.3 Service Provisioning

20.3.1 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as MegaLink Custom Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

20.3.2 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation, the parameters contained in Technical Reference PUB 76625.

In addition to the above tests, Additional Cooperative Acceptance Testing, to test other parameters not defined in Technical Reference PUB 76625, is available at the customer's request. Charges as defined in Section 13.3.7 (Special Access, MegaLink Custom Service and STN Rates and Charges) will apply. All test results will be made available to the customer upon request.

20.3.3 Diversity

A customer may request that the facilities used to provide MegaLink Custom (DS3) services be specially routed. The regulations, rates and charges for Diversity are set forth in Section 27.

Reissued material is filed under authority of Special Permission No. 94-625 of the F.C.C. and is deferred until August 2, 1994.

(This page filed under Transmittal No. 2359)

Issued: May 27, 1994

Effective: June 2, 1994

20. MegaLink Custom Services (Cont'd)

20.4 Rate Regulations

This section contains the specific regulations governing the rates and charges which may apply to MegaLink Custom Service.

The rates and charges in effect at the time the MegaLink Custom Service is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the service. The rates and charges in effect at that time may not be the same as those rates and charges in effect at the time the customer requests the service.

If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing service with a 3, 5 or 10 year billing period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing service with a 3, 5 or 10 year billing period will not exceed the original rate for that selected bill period. Rate changes may occur as a result of F.C.C. action.

Rates and charges (both monthly and nonrecurring) for all MegaLink (T) Custom Services will be applied as contained in 20.5, except for Missouri and Texas. Rates and charges for Missouri and Texas will be applied based on Pricing Zones as contained in 20.5. The Pricing (T) Zone for each serving wire center is as specified in the National Exchange Carrier Association, Inc. Tariff P.C.C. No. 4. Additionally, if the Channel Mileage crosses Pricing Zones (e.g., serving wire center 1 is in Pricing Zone 1 and serving wire center 2 is in Pricing Zone 2), the higher priced mileage rate will be applied to the entire channel mileage.

20.4.1 Rate Categories

There are four basic rate categories which apply to MegaLink Custom Service:

- Channel Termination
- Interoffice Mileage
- Service to Service Through Connect Arrangements
- Optional Features, BSEs and Functions

(This page filed under Transmittal No. 2482)

Issued: July 20, 1995 Effective: September 3, 1995

20. MegaLink Custom Services (Cont'd)

(M)

20.4 Rate Regulations (Cont'd)

(T)

20.4.1 Rate Categories (Cont'd)

(T)

(A) Channel Termination

(M)

Channel Termination provides for the communications path between a customer designated premises and the serving wire center for that premises or for the communications path within a building which connects a customer's facilities with a customer designated premises without routing through the serving wire center.

Two types of Channel Terminations are provided.

(1) Electrical Channel Termination

An Electrical Channel Termination provides for an electrical interface at the customer designated premises.

(2) Optical Channel Termination

An Optical Channel Termination provides for an optical interface at the customer designated premises.

(M)

Certain material and revised material appearing on this page formerly appeared on 19th Revised Page 247 of Tariff F.C.C. No. 68.

Certain material appearing on this page formerly appeared on 11th Revised Page 248 of Tariff F.C.C. No. 68.

Issued: March 3, 1992

20. MegaLink Custom Services (Cont'd)

(M)

20.4 Rate Regulations (Cont'd)

(T)

20.4.1 Rate Categories (Cont'd)

(T)

(B) Interoffice Mileage

(M)

Interoffice Mileage provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center and a Telephone Company Hub Central Office or, in the case of a Service Extension, between two Telephone Company Hub Central Offices.

There are two components of Interoffice Mileage.

(1) Interoffice Fixed

The Interoffice Fixed charge provides for the electronic equipment required to terminate an interoffice channel in the serving wire center(s) and Telephone Company Hub Central Office(s).

(2) Per Mile

The Per Mile charge provides for the electronic equipment and fiber optic cable necessary to provide the interoffice transport.

(M)

Material and revised material appearing on this page formerly appeared on 9th Revised Page 249 of Tariff F.C.C. No. 68.

Issued: March 3, 1992